

Eaton 046374

Eaton xEffect K-Type Terminal Enclosures
Switch- & Controlgear Enclosure. Connection
terminal, 630A, 3p, flat/round

PRODUCT NAME	Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure
CATALOG NUMBER	046374
PRODUCT LENGTH/DEPTH	125 mm
PRODUCT HEIGHT	140 mm
PRODUCT WIDTH	190 mm
PRODUCT WEIGHT	5.241 kg
COMPLIANCES	RoHS conform

USED WITH	Accessory panel building General switchboard accessory
SPECIAL FEATURES	<ul style="list-style-type: none"> • Conversion kits for strip terminal in cable connection available separately • Terminal covers available separately • Including labels for terminal marking U, V, W - X, Y, Z - L1, L2, L3 - T1, T2, T3 - PE, N, PEN, protective earth (ground) symbol • Relationship of rated operational current → terminal capacity to IEC/EN 60439, VDE 0660 Part 500 or EN 50021 • Outer terminal for round or sectoral conductor, other side for Cu strip
TYPE	<ul style="list-style-type: none"> • Accessory panel building • General switchboard accessory
FEATURES	Contact safe
ACCESSORY/SPARE PART TYPE	Terminations Terminals, 160 – 1000 A
CONNECTION TYPE	Clamp Screwing
NUMBER OF POLES	Three-pole
RATED OPERATION CURRENT (IE)	630 A
MOUNTING METHOD	Screw
SUITABLE FOR	Useful for stranded conductors
TERMINAL CAPACITY (COPPER BAND)	16 mm x 0.8 mm (10x) for flat strip 21 mm x 1 mm (11x) for flat strip

SYSTEM OVERVIEW	eaton-control-panels-terminals-xeffect-k-type-terminal-explosion-drawing-002.eps
	eaton-control-panels-terminals-xeffect-k-type-terminal-3d-drawing.eps

NOMINAL CURRENT	630 A
NUMBER OF CONNECTIONS (LESS THAN 6 MM SQUARED)	0
NUMBER OF CONNECTIONS (LESS THAN AWG 6)	0
NUMBER OF CONNECTIONS (GREATER THAN 25 MM SQUARED)	6
NUMBER OF CONNECTIONS (GREATER THAN 250 KCMIL)	0
NUMBER OF CONNECTIONS (10 MM SQUARED)	0
NUMBER OF CONNECTIONS (16 MM SQUARED)	0
NUMBER OF CONNECTIONS (25 MM SQUARED)	0
NUMBER OF CONNECTIONS (250 KCMIL)	0
NUMBER OF CONNECTIONS (AWG 2)	0
NUMBER OF CONNECTIONS (AWG 4)	0
NUMBER OF CONNECTIONS (AWG 4/0)	0
NUMBER OF CONNECTIONS (AWG 6)	0
NUMBER OF CONNECTIONS (TOTAL)	6
RATED INSULATION VOLTAGE (UI)	1000 VAC
NUMBER OF OUTPUTS	2
TERMINAL CAPACITY (ALUMINUM CABLE)	150 mm ² - 240 mm ² (1x) 95 mm ² - 185 mm ² (2x)
TERMINAL CAPACITY (CONDUCTOR)	40 mm x 15 mm
TERMINAL CAPACITY (COPPER/ALUMINUM CABLE)	150 mm ² - 300 mm ² (1x) 50 mm ² - 240 mm ² (2x)
CONDUCTOR CROSS SECTION, INPUT - MAX	240 mm ²
CONDUCTOR CROSS	70 mm ²

SECTION, OUTPUT - MIN	
CONDUCTOR CROSS SECTION, INPUT - MIN	70 mm ²
CONDUCTOR CROSS SECTION, INPUT AWG - MIN	0 mm ²
CONDUCTOR CROSS SECTION, INPUT AWG - MAX	500 mm ²
CONDUCTOR CROSS SECTION, OUTPUT - MAX	300 mm ²
CONDUCTOR CROSS SECTION, OUTPUT AWG - MAX	0 mm ²
CONDUCTOR CROSS SECTION, OUTPUT AWG - MIN	0 mm ²
NUMBER OF INPUTS	1

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
:



Eaton House
30 Pembroke Road
Dublin 4,
Eaton.com

© 2025

Follow us on social media to get the latest product and support information.

